Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	662	"costas loop"	US-PGPUB; USPAT	OR	OFF	2005/09/12 10:58
L2	497	1 AND @ad<"20000428"	US-PGPUB; USPAT	OR	OFF	2005/09/12 10:58
L3	161	2 AND synchronize	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:22
L4	5	US-5396224-$.DID. OR US-5550546-$.DID. OR US-5768268-$.DID. OR US-5822143-$.DID. OR US-5881107-$.DID.	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:24
L5	5	US-5949820-$.DID. OR US-6005445-$.DID. OR US-6009534-$.DID. OR US-6038269-$.DID. OR US-6134268-$.DID.	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:23
L6	5	US-6329859-$.DID. OR US-6359486-$.DID. OR US-6397048-$.DID. OR US-6404525-$.DID. OR US-6498694-$.DID.	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:24
L7	3	US-6509773-$.DID. OR US-6621862-$.DID. OR US-6791388-$.DID.	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:24
L8	5	"20020044617" "20020044618" "20020080898" "20030086515" "20040212416"	US-PGPUB; USPAT	OR	OFF	2005/09/12 11:24
S1	1	"20020044617"	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:45
S2	87	"5485490"	US-PGPUB; USPAT	OR	OFF	2004/06/28 10:53
S3	18	"5757857"	US-PGPUB; USPAT	OR	OFF	2004/06/28 10:53
S4	7	"6122336"	US-PGPUB; USPAT	OR	OFF	2004/06/28 10:57
S5	16	"5650954"	US-PGPUB; USPAT	OR	OFF	2004/06/28 10:57
S6	11	"6002279"	US-PGPUB; USPAT	OR	OFF	2004/06/28 10:57
S7	1	"20020039395"	US-PGPUB; USPAT	OR	OFF	2004/06/28 12:37
S8	223	"phase interpolator"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:55
S9	43	"phase interpolator" AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:18

| S10 | 110 | "3626298".pn. "4570125".pn. "4604755".pn. "4879728".pn. "4926447".pn. "4949357".pn. "5012494".pn. "5233631".pn. "5402449".pn. "5757857" "3911368".pn. "4216544".pn. "4633193".pn. "4744096".pn. "5235622".pn. "5485490".pn. "5502750".pn. "5568099".pn. "6122336" "4373181".pn. "4684831".pn. "4787082".pn. "4797635".pn. "5382921".pn. "5448598".pn. "5485113".pn. "5485490".pn. "5533072".pn. "5548280".pn. "5550860".pn. "5578939".pn. "5587675".pn. "5592629".pn. "5598443".pn. "5623518".pn. "5633899".pn. "5638028".pn. "5818304".pn. "5844436".pn. "6002279" "5374860".pn. "5754835".pn. "5802103".pn. "5864250".pn. "5945860".pn. "6035409" "3296517".pn. "3546604".pn. "3555458".pn. "3911368".pn. "3997772".pn. "4156851".pn. "4638190".pn. "4739279".pn. "4806888".pn. "4866397".pn. "4994773".pn. "5015872".pn. "5157276".pn. "5317288".pn. "5554945" | US-PGPUB; USPAT | OR | OFF | 2004/06/28 12:59 |

S11	66	("3626298".pn. "4570125".pn. "4604755".pn. "4879728".pn. "4926447".pn. "4949357".pn. "5012494".pn. "5233631".pn. "5402449".pn. "5757857" "3911368".pn. "4216544".pn. "4633193".pn. "4744096".pn. "5235622".pn. "5485490".pn. "5502750".pn. "5568099".pn. "6122336" "4373181".pn. "4684831".pn. "4787082".pn. "4797635".pn. "5382921".pn. "5448598".pn. "5485113".pn. "5485490".pn. "5533072".pn. "5548280".pn. "5550860".pn. "5578939".pn. "5587675".pn. "5592629".pn. "5598443".pn. "5623518".pn. "5633899".pn. "5638028".pn. "5818304".pn. "5844436".pn. "6002279" "5374860".pn. "5754835".pn. "5802103".pn. "5864250".pn. "5945860".pn. "6035409" "3296517".pn. "3546604".pn. "3555458".pn. "3911368".pn. "3997772".pn. "4156851".pn. "4638190".pn. "4739279".pn. "4806888".pn. "4866397".pn. "4994773".pn. "5015872".pn. "5157276".pn. "5317288".pn. "5554945") AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2005/09/12 10:58
S12	1975	"phase locked loop" AND "clock recovery"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:17
S13	56	("phase locked loop" AND "clock recovery") AND interpolate	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:17
S14	16	(("phase locked loop" AND "clock recovery") AND interpolate) AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:17
S15	43	"phase interpolator" AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:18
S16	15	((("phase locked loop" AND "clock recovery") AND interpolate) AND @pd<"20000428") NOT ("phase interpolator" AND @pd<"20000428")	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:26
S17	228	375/326.CCLS. AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:54
S18	21	interpolate WITH phase	EPO; JPO	OR	OFF	2004/06/28 13:47
S19	3	(375/326.CCLS. AND @pd<"20000428") AND interpolate	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:54

S20	268	"interpolate" WITH phase	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:54
S21	223	"phase interpolator"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:55
S22	236	("interpolate" WITH phase) NOT "phase interpolator"	US-PGPUB; USPAT	OR	OFF	2004/06/28 13:55
S23	106	(("interpolate" WITH phase) NOT "phase interpolator") AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:00
S24	3743	phase WITH interpolat$	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:19
S25	1166	(phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:01
S26	457	((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:01
S27	457	(((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:08
S28	26	((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) AND "clock recovery"	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:02
S29	431	((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) NOT (((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) AND "clock recovery")	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:15
S30	57	(phase AND interpolat$).TI.	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:12
S31	15	(phase AND interpolat$).TI. AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:13
S32	423	(((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) NOT (((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) AND "clock recovery")) NOT ((phase AND interpolat$).TI. AND @pd<"20000428")	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:16

S33	16	(phase WITH interpolat$) AND (DLL OR (delay ADJ lock$)) AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 14:22
S34	416	((((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) NOT (((((phase WITH interpolat$) AND (PLL OR (phase ADJ lock$))) AND @pd<"20000428") NOT (interpolate WITH phase)) AND "clock recovery")) NOT ((phase AND interpolat$).TI. AND @pd<"20000428")) NOT ((phase WITH interpolat$) AND (DLL OR (delay ADJ lock$)) AND @pd<"20000428")	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:04
S35	207	buchwald.in.	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:04
S36	16	buchwald.in. AND aaron.in.	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:29
S37	2	"6509773"	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:22
S38	11	"5485490".pn. "5650954".pn. "5757857".pn. "5881108".pn. "5966415".pn. "6002279".pn. "6005445".pn. "6009534".pn. "6122336".pn. "6329859".pn. "6359486".pn.	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:25
S39	8	("5485490".pn. "5650954".pn. "5757857".pn. "5881108".pn. "5966415".pn. "6002279".pn. "6005445".pn. "6009534".pn. "6122336".pn. "6329859".pn. "6359486".pn.) AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/28 15:29
S40	1	"5402449".PN.	USPAT	OR	OFF	2004/06/28 15:28
S41	1	"5233631".PN.	USPAT	OR	OFF	2004/06/28 15:28
S42	1	"5012494".PN.	USPAT	OR	OFF	2004/06/28 15:28
S43	1	"4949357".PN.	USPAT	OR	OFF	2004/06/28 15:28
S44	1	"4926447".PN.	USPAT	OR	OFF	2004/06/28 15:28
S45	1	"4879728".PN.	USPAT	OR	OFF	2004/06/28 15:29
S46	1	"4604755".PN.	USPAT	OR	OFF	2004/06/28 15:29
S47	1	buchwald.in. AND aaron.in.	EPO; JPO	OR	OFF	2004/06/28 15:29

S48	31	"4373181".pn. "4684831".pn. "4787082".pn. "4797635".pn. "5382921".pn. "5448598".pn. "5485113".pn. "5485490".pn. "5533072".pn. "5548280".pn. "5550860".pn. "5578939".pn. "5587675".pn. "5592629".pn. "5598443".pn. "5623518".pn. "5633899".pn. "5638028".pn. "5818304".pn. "5844436".pn. "6002279"	US-PGPUB; USPAT	OR	OFF	2004/06/29 10:06
S49	21	("4373181".pn. "4684831".pn. "4787082".pn. "4797635".pn. "5382921".pn. "5448598".pn. "5485113".pn. "5485490".pn. "5533072".pn. "5548280".pn. "5550860".pn. "5578939".pn. "5587675".pn. "5592629".pn. "5598443".pn. "5623518".pn. "5633899".pn. "5638028".pn. "5818304".pn. "5844436".pn. "6002279") AND @pd<"20000428"	US-PGPUB; USPAT	OR	OFF	2004/06/29 10:06
S50	1	"20020039395"	US-PGPUB; USPAT	OR	ON	2004/07/26 09:31
S51	0	"5.550,576"	US-PGPUB; USPAT	OR	ON	2004/07/26 09:31
S52	77	"5550576"	US-PGPUB; USPAT	OR	ON	2004/07/26 09:31
S53	1	"5550576".pn.	US-PGPUB; USPAT	OR	ON	2005/03/24 10:38
S54	7	(("5,550,576") or ("5,629,733") or ("5,686,954") or ("5,444,499") or ("5,534,911") or ("5,564,088") or ("5,585,865")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/07/26 09:33
S55	3166	"frequency hopping" AND "spread spectrum"	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:57
S56	206	S55 AND (encoding WITH rate)	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:46
S57	147	S56 AND @ad<"20010101"	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:46
S58	5891	"frequency hopping"	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:57
S59	154	"frequency hopping" WITH encod$	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:58
S60	83	S59 AND @ad<"20010101"	US-PGPUB; USPAT	OR	OFF	2005/03/23 14:58
S61	1	"6167078".PN.	US-PGPUB; USPAT	OR	ON	2005/03/24 10:38

S62	8	("3911368" | "4216544" | "4633193" | "4744096" | "5235622" | "5485490" | "5502750" | "5568099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:05
S63	12	("6122336").URPN.	USPAT	OR	ON	2005/04/15 09:05
S64	1	("5629638").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:05
S65	5	("6016064").URPN.	USPAT	OR	ON	2005/04/15 09:05
S66	20	("4373181" | "4684831" | "4787082" | "4797635" | "5382921" | "5448598" | "5485113" | "5485490" | "5533072" | "5548280" | "5550860" | "5578939" | "5587675" | "5592629" | "5598443" | "5623518" | "5633899" | "5638028" | "5818304" | "5844436").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:05
S67	13	("6002279").URPN.	USPAT	OR	ON	2005/04/15 09:33
S68	9	("4626716" | "4884041" | "5180994" | "5451894" | "5475344" | "5485490" | "5534808" | "5663767" | "5717362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:34
S69	19	("5945862").URPN.	USPAT	OR	ON	2005/04/15 09:34
S70	9	("3626298" | "4570125" | "4604755" | "4879728" | "4926447" | "4949357" | "5012494" | "5233631" | "5402449").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:35
S71	19	("5757857").URPN.	USPAT	OR	ON	2005/04/15 09:35
S72	2	("5428626" | "5489864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:35
S73	5	("5274678" | "5285482" | "5353312" | "5515403" | "5581585").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:36
S74	12	("4146840" | "4346412" | "5060088" | "5153875" | "5189637" | "5258933" | "5325130" | "5392171" | "5422760" | "5430768" | "5459757" | "5563819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/15 09:36